II

THE URBAN DISTRICT COUNCIL OF LITTLEBOROUGH

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and

SENIOR PUBLIC HEALTH INSPECTOR

for the

YEAR 1971

Medical Officer of Health

A. NELSON PICKLES, M.B., Ch.B., D.P.H.,

Senior Public Health Inspector

THOMAS BRUCE, A.R.S.H., M.A.P.H.I.,

URBAN DISTRICT OF LITTLEBOROUGH

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year ended 31st December, 1971

To the Chairman and Members of the
Littleborough Urban District Council.

Ladies and Gentlemen,

I have the honour to submit to you my ninth Annual Report on the Health and Mortality of your District for the year 1971.

POPULATION

The estimated population (as supplied by the County Council) of the District is 12,130 as compared with 11,320 for last year.

AREA

The District extends over an area of 7,855 acres, and is situated on the borders of Lancashire and Yorkshire at a height ranging from about 400 to 1,550 feet above sea level.

The climate is somewhat damp but bracing.

The chief industries include the manufacture of cotton and woollen goods and synthetic fibres, leather tanning, iron turning, oil and fat refining, dyeing and finishing, making of bread and confectionery, glue manufacture and fibre glass products, general joinery and building contractors, industrial container cleansing, pharmaceutical manufacturers.

VITAL STATISTICS

The number of deaths in the district in 1971 was 147, 85 males and 62 females, which is equivalent to a death rate of 12.1 per 1,000 of the estimated population.

The number of births was 244, 121 males and 123 females, which is equivalent to a birth rate of 20.1.

There were 6 still-births, 1 male and 5 females, giving a rate per 1,000 total (live and still) births of 24.

The births exceeded the deaths by 97 and the birth rate exceeded the death rate by 8.0. The mean birth rate for the past five years was 6.10 above the mean death rate.

For 1971 the birth rate was 20.10 and the death rate 12.10 and the averages for the past five years were:- Birth rate 19.88 and the death rate 13.78.

From these figures it will be seen that the birth rate is 1.10 below the previous year and .22 above the average for the past five years, and the death rate 2.30 below the previous year and 1.68 below the average.

For further particulars see tables in the Report.

INFANT DEATHS

There have been 7 deaths under one year of age, 2 males and 5 females, which is equivalent to a rate of 29 per 1,000 live births, and 3 deaths and a rate of 13 for 1970.

From these figures it will be seen that the rate is 15.0 above the previous year and 3.74 below the average.

There has been 6 deaths under 4 weeks of age equivalent to a death rate of 25 per 1,000 live births, as compared with 2 deaths and a rate of 8 for 1970.

TUBERCULOSIS DEATHS

Nil.

CANCER DEATHS

23.

MATERNAL MORTALITY

1.

INFECTIOUS DISEASES	1971.	1970.
Tuberculosis.	1	-
Scarlet Fever.	-	-
Diphtheria.	-	-
Erysipelas.	-	-
Ophthalmia Neonatorum.	-	-
Para Typhoid Fever.	-	-
Acute Poliomyelitis.	-	-
Puerperal Pyrexia.	-	-
Acute Pneumonia. (primary and influenzal.)	-	-
Acute Encephalitis.	-	-
Meningococcal Infection.	-	-
Small-pox.	-	-
Measles.	1	5
Whooping Cough.	-	-
Food Poisoning.	-	-
Dysentery.	-	-
Viral Meningitis.	-	-
Infective Jaundice.	1	-

One point again worthy of comment is the fact that 1971 was the twenty-fifth year in succession in which no cases of Diphtheria were notified. Such a long spell without the occurrence of a case is sufficient evidence of the value of Diphtheria immunisation. In order to maintain this record, it is essential that parents should continue to have their children immunised. It is also again pleasing to report that no cases of Scarlet Fever were notified during 1971, for this fourteenth year in succession.

MEASLES

1 case occurred, which was treated at home. There were no deaths.

TUBERCULOSIS

There were no deaths from respiratory Tuberculosis during the year.

There were 3 new additions to the register (1 "Formal" and 2 "Transfers" from other Districts). The occupations of the new additions are unknown.

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The Public Health (Tuberculosis) Regulations 1952 no longer require a Medical Officer of Health to keep a register of Tuberculosis notifications, but the Ministry of Health urges that registers should continue to be kept. A register is therefore maintained of all cases notified and statements forwarded to the County Medical Officer of Health of all additions to and removals from the register.

The number of cases on the Tuberculosis Register, old and new, in the district at the beginning of the year was 55, 45 respiratory and 10 non-respiratory. 3 cases were added to the register, being 2 respiratory and 1 not defined, no cases were removed from the register, leaving a total of 58 cases, 47 respiratory and 11 non-respiratory at the end of the year.

The body of the report contains details of the work of the department during the year, and the report of the Senior Public Health Inspector sets out details of the sanitary circumstances of the district.

My thanks are due to the staff of the Department for their good work throughout the year.

I am,

Ladies and Gentlemen,

Yours obediently,

A. NELSON PICKLES.

Medical Officer of Health.

VITAL STATISTICS

		Total	M.	F.
Live Births.	Legitimate.	220	110	110
	Illegitimate.	24	11	13
		244	121	123
Stillbirths.	Legitimate.	5	1	4
	Illegitimate.	1	-	1
Total live and stillbirths.		250	122	128
Deaths.		147	85	62

Birth-rate per 1,000 estimated population mid 1971 = 20.1
Illegitimate live-births (per cent of total live births) 9.83

Rate per 1,000 total live and stillbirths = 24.00

Death rate per 1,000 estimated population = 12.1

Crude 12.1
Adjusted 12.8

INFANT MORTALITY

	Total	M.	F.
Legitimate ...	7	2	5
Illegitimate ...	-	-	-
	7	2	5

INFANT MORTALITY RATES

Death rate of infants under one year of age per 1,000 live births - 29.
Legitimate infant deaths per 1,000 legitimate live births - 32.
Illegitimate infant deaths per 1,000 illegitimate, live births - Nil.

NEO-NATAL MORTALITY

Deaths of infants under four weeks of age. 6.
Rate per 1,000 live births. 25

EARLY NEO-NATAL MORTALITY

Deaths of infants under one week of age. 6
Rate per 1,000 live births. 25

PERINATAL MORTALITY RATE

Mortality rate (still-births and deaths under one week combined per 1,000 total live and still-births) 48

MATERNAL MORTALITY

Deaths from pregnancy, childbirth and abortion. NIL.
Mortality rate per 1,000 total live and still-births. NIL.

POPULATION: 12,130

	Per 1,000 of estimated population				Maternal mortality rate	Rate of deaths under one year per 1,000 live births.
	Live birth-rate.	Crude death rate	Death-rate from Tuberculosis of respiratory system.	Death-rate from Cancer	Per 1,000 total (live and still) births	
Mean of 5 years (1966-70)	19.88	13.78	0.05	1.91	Nil	18.74
Year 1971.	20.1	12.1	Nil	Nil	Nil	29.0
Year 1970.	21.2	14.4	Nil	Nil	Nil	13.0
Increase or Decrease in 1971 on 5 year's average.	+ .22	+ 1.68	0.05	1.91	Nil	10.26
Previous year.	+ 1.74	+ .48	Nil	Nil	Nil	7.83

* Adjusted live birth-rate (comparability factor 1.07) = 21.5 per 1,000.
ø Adjusted death-rate (comparability factor 1.06) = 12.8 per 1,000.

VITAL STATISTICS FOR 1971

CAUSES OF DEATH		Males	Females
All causes:		85	62
1.	Other Infective and Parasitic Diseases.	1	1
2-9.	All forms of Cancer.	17	6
10.	Diabetes Mellitus.	-	2
11.	Hypertensive Disease.	-	1
12-13.	Heart Diseases.	34	20
14.	Cerebrovascular Diseases.	10	13
15.	Other Diseases of Circulatory System.	1	1
16.	Pneumonia.	3	10
17.	Bronchitis and Emphysema.	11	1
18.	Other Diseases of Respiratory System.	1	-
19.	Peptic Ulcer.	-	1
20.	Other Diseases of Digestive System.	1	-
21.	Nephritis and Nephrosis.	1	-
22.	Congenital Anomalies.	1	1
23.	Birth Injury, Difficult Labour etc.	-	1
24.	Other causes of Perinatal Mortality.	1	2
25.	Symptoms and Ill Defined Conditions.	-	1
26.	All Other Accidents.	2	1
27.	Suicide and Self Inflicted Injuries.	1	-

LITTLEBOROUGH URBAN DISTRICT COUNCIL

SENIOR PUBLIC HEALTH INSPECTOR'S REPORT

For the year 1971

To the Medical Officer of Health of the
Littleborough Urban District Council.

Sir,

I have pleasure in submitting my eighth Annual Report for the year 1971, in accordance with Article 25 of the Public Health Officers Regulations 1959. Comment is made on several aspects of the work, but other details, statistics etc., have been included in your report to the County Medical Officer of Health, a copy of which is attached to this report.

A summary sheet is also attached showing details of the visits and inspections made during the year.

HOUSING

No new houses were built primarily to rehouse tenants of existing unfit houses.

Private development has continued during the year, and at 31st December, 1971, two hundred and forty five were under construction and 190 have been completed, also 28 Council Old Peoples Flats and 1 Warden's Flat were completed.

Improvement of older houses has also continued and discretionary grant work has been completed at 36 houses and standard grant work has been completed at 41 houses.

WATER SUPPLY

The District is supplied in most parts by the West Pennine Water Board, and the number of houses connected to the mains is 4,454.

Sampling of both public and private supplies was continued during the year, the bacteriological samples of the public supply being satisfactory.

The results of bacteriological samples of private supplies were unsatisfactory. If private supplies did not look satisfactory, and if they were not pleasant to use for washing purposes then there would be a public out-cry against such supplies.

Although there is no record of an outbreak of water borne disease in Littleborough district with unprotected gathering grounds etc., the risk is ever present and the contention that the cost of connecting to the public mains or the provision of equipment in all other cases is too high and cannot be justified when the health of those served by untreated private supplies is at risk daily.

REFUSE COLLECTION AND TRADE WASTE DISPOSAL

The Council's scheme for renewal of defective dustbins continues to function satisfactorily, and the number renewed was 348.

During the year 190 were supplied to new houses built in the district. 202 additional bins supplied to houses with central heating, 39 plastic bins were issued to properties without central heating but with only gas, electric fires or storage heaters.

REFUSE COLLECTION AND TRADE WASTE DISPOSAL - continued:

Collection of domestic refuse has generally been maintained throughout the year, but certain problems arise due to the number of men available during holiday periods. The occasional use of casual labour allowed the service to function almost normally during the periods when the regular staff took their annual leave entitlement.

Colloction of trade waste from shops proceeded satisfactorily and the charge of £1.25 per premises per annum was continued.

The Council's policy of charging for accepting trade waste etc., on the Council's tip was continued.* During the year 260 loads were deposited on the Council's Hollingworth Tip, an official receipt being given on each occasion. It is anticipated that there will be an increase in the number of depositions in the coming year.

*The rate charged is now £1 or £2 per load, according to size of load.

PETROLEUM ACTS 1928/36

During the year twenty six renewals of existing licences were granted under the above Acts.

CLOSET CONVERSIONS

The Council's policy of encouraging the conversion of obsolete closets to the water carriage system was continued during the year, and in order to further this policy, particularly when pail closets are used in common, the Council continued the payment of grants. Prior to October 1968, the grant aid was up to a maximum of £10 for each unit of accommodation, but from October 1968, the Council resolved to consider contribution up to half the cost of conversions.

During 1971, three (3) pail closets and one (1) waste water closet were converted to the fresh water carriage system.

The number of pail closets in regular use number 46.

MEAT AND FOOD INSPECTION

Slaughtering is carried out at two slaughterhouses in the District. Both are conducted by wholesale butchers and result in slaughtering in excess of the normal requirements of the district and involve the inspection of meat outside what are normally regarded as office hours and at weekends.

During the year 2,653 Bulls, Bullocks and Heifers, 1,730 Cows, 16 Calves, 12,397 Sheep and Lambs, 1,291 Pigs and 1 Goat were killed and inspected. The percentage of those affected with diseases or conditions requiring condemnation of some part or organ were 16.92, 57.74, Nil, 9.26 and 12.83 respectively.

The total weight of meat condemned during the year was 11 tons, 9 cwt. 20 lbs.

OTHER FOODS

16 tins of meat and bulk gooseberries and onions, weighing 2 tons, 1 cwt. 3 quarters, 10lb. were also condemned as unfit for human consumption and were disposed of.

FOOD HYGIENE

Visits to food premises in the district continue to raise the general standard.

It is important for all food handlers to appreciate their important position in the community and to realize that by following sound hygiene practice regarding storage of food, proper stock rotation, preparation and serving of food they may prevent certain food borne infections.

PUBLIC CONVENIENCES

Vandalism at the public conveniences has continued steadily throughout the year, and the only difference between this year and former years is that that vandals have been forced to use stouter implements to cause damage due to anti-vandal measures being taken. Despite such measures as the metal plating of doors and metal panels surrounding water service pipes, a considerable amount of damage has been done.

CIVIC AMENITIES ACT

During 1971, 6 motor vehicles were removed by the owners and/or persons unknown after service of the usual notices.

Several accumulations of rubbish, debris, etc., have also been removed.

GENERAL

In conclusion, I should like to thank you for your advice, co-operation and support, also to Councillor Mrs. R. Giffin, Chairman of the Health Committee, for support at all times, also to Mr. Foxton, Mr. Lees, Mr. Howe and Mr. Percival, for their assistance throughout the year.

I am,

Your obedient Servant,

T. BRUCE.

Senior Public Health Inspector.

NUMBER AND NATURE OF INSPECTIONS ETC. BY THE PUBLIC HEALTH INSPECTORS

	No. of Inspections
Houses under Public Health Acts.	427
Re-inspections.	390
Vermin and Infestations.	27
Water Supply.	61
Scrap Metal Dealers.	4
Schools.	12
Rent Acts.	-
Ashes Accommodation.	94
Refuse Disposal.	149
Salvage.	-
Septic Tanks.	12
Animals, Birds, etc.	-
Piggeries.	-
Rodent Control.	37
Drainage - Inspected.	309
Tested.	220
Conveniences.	19
Closets - Water.	32
Pails.	49
Ice-cream Premises.	84
Meat Shops.	30
Food Preparing Premises.	10
General Food Premises.	214
Food Inspections.	11
Shops Act.	166
Factories (with mechanical power).	6
Factories (without mechanical power).	-
Slaughterhouses - Meat Inspection.	556
Offensive Trades.	42
Rag Flock Premises.	-
Disinfestation.	-
Infectious Diseases and Food Poisoning.	-
Disinfection.	-
Housing - Section 9.	-
Section 16 and 17.	18
Clearance Areas.	-
Other Visits.	118
Demolition.	-
Overcrowding.	16
Petroleum Acts.	10
Clean Air Act.	5
Smoke Observations.	6
Premises Visited.	2
Offices, Shops and Railway Premises Act.	72
Interviews - Owners, Tradesmen, etc.	461
Samples - Food and Drugs - Formal.	-
Informal.	-
Water - Bacteriological.	34
Chemical.	1
Clean Milk - T.B. Examination.	-
Bacteriological.	6
Factory Outworkers.	-
Sewers and Street Gullies.	114
Caravan Sites.	2
Milk Distributors.	-
Licensed Premises.	37
Slaughterhouses Act, 1958.	-
National Assistance Act, 1947.	-
Licensing Act, 1961.	-
Noise Abatement Act, 1960.	5
Animal Boarding Establishments Act, 1963.	-
Legal Proceedings.	-
	3,868

LANCASHIRE COUNTY COUNCIL

URBAN DISTRICT OF LITTLEBOROUGH

SUMMARY embodying particulars required to be included in the ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH for the Year 1971.

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1. STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres (at 31.12.70): 7,855. Population - Census, 1961: 10,514.

Registrar General's estimate of home population, mid-1971 (if known). 12,130.

Number of inhabited dwellings at the end of 1971, according to rate books: 4,807.

Rateable Value: £350,570. Sum represented by penny rate: £3,300.

Social conditions, including the chief industries carried on in the area:

Manufacture of cotton and woollen goods, synthetic fibres, dyeing and finishing, leather tanning, iron turning and founding, oil and fat refining, making of bread and confectionery, glue manufacture and fibre glass moulding, general joinery and building contractors, industrial container cleansing, pharmaceutical manufacturers.

VITAL STATISTICS

Particulars of any unusual or excessive mortality during the year which has received or required comment: None.

Any causes of sickness or invalidity which have been specially noteworthy in the area during the year: None.

Any conditions of occupation or environment which appear to have had a prejudicial effect on health: None.

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2. GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Public Health Officers of the Local Authority

1. (i) Medical Officer of Health. Dr. A. N. Pickles.
   (ii) Qualifications and special diplomas. M.B., Ch.B., D.P.H.
   (iii) Is he a whole or part-time officer of the Local Authority. Part-time.
   (iv) Any other public appointments held by him? Divisional Medical Officer, Health Division No. 13. Medical Officer of Health - Whitworth U.D.C. Wardle U.D.C., Bacup M.B.
   (v) Is he in private practice? No.

2. Public Health Inspector(s):

Name	Qualifications and Special Diplomas	Whole or part-time as P.H.I.	Other appointments with Local Authority (if any)
T. Bruce.	Certificate P.H.I.E.B., Diploma of R.S.H. Meat and Other Foods. Diploma of R.S.H. for Smoke Inspectors.	Whole	
G. Foxton.	Diploma of P.H.I.E.B.	Whole	
P. J. R. Lees.	Diploma of P.H.I.E.B.	Whole	

3. Other Public Health Officers: None.

Local Legislation

4. Alterations during year to local legislation (including bye-laws) in force in the district: None.

National Assistance Acts, 1948 and 1951

5.	(i)	No. of applications for removal made during the year under Section 47:	Nil.
	(ii)	Number of orders made:	None.
	(iii)	Circumstances of each case:	-
	(iv)	Comments on operation of the Section:	-

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3. SANITARY CIRCUMSTANCES OF THE AREA

1. Water Supply:

(i)	Statutory water undertaker:	West Pennine Water Board.
(ii)	If any re-grouping during year give constitution and date of establishment of new water board:	Nil.
(iii)	Type of supply (e.g; upland surface, deep wells, river, etc.):	Upland Surface and Deep Wells.
(iv)	Give particulars of any new sources of public supply acquired during the year:	Python Bore.
(v)	Extensions of water mains during the year -	
	(a) to existing dwellings:	Nil.
	(b) to new dwellings:	219 houses.
	(c) to other development:	-
(vi)	Supplies to dwellings:	
	(a) No. of dwellings newly connected to public mains supply during 1971 -	
	Existing dwellings:	Nil.
	New dwellings:	219 houses.
	(b) Supply to all dwellings at end of year -	
	From public mains -	
	Direct to dwellings - No. of dwellings:	4,454
	Est. no. of population:	10,790
	By means of standpipe -	
	No. of dwellings:	Nil.
	Est. no. of population:	Nil.
	From private supplies, e.g; wells, springs: etc., - No. of dwellings:	553
	Est. no. of population:	1,340
(vii)	Has the water supply of the area and of its several parts been satisfactory during the year?	
	(a) In quality:	Yes.
	(b) In quantity:	Yes.
(viii)	Samples obtained by the local authority during the year of	
	(a) the raw water - Public supply	
	Bacteriological examinations:	-
	Satisfactory:	-
	Unsatisfactory:	-
	Chemical analyses:	-
	Satisfactory:	-
	Unsatisfactory:	-
	Private supplies -	
	Bacteriological examinations:	26
	Satisfactory:	4
	Unsatisfactory:	22
	Chemical analyses:	-
	Satisfactory:	-
	Unsatisfactory:	-

(b)	water going into supply where treatment is installed.	Public supply:	
		Bacteriological examinations.	7. Satisfactory.
		Chemical analyses.	1. Satisfactory.
		Private supplies:	
		Bacteriological examinations.	-
		Chemical analyses.	-

(ix) Action taken by the local authority in respect of any form of contamination of

(a) public supplies: Occasional complaints regarding brownish discolouration reduced due to action by the West Pennine Water Board.

(b) private supplies: Persuade and/or compel connection to mains where possible. If connection to mains impossible, advise re-filtration (i.e. Berkefeld filters) by pumps and filters.

(x) What action is taken in the case of new dwellings built where mains water supply is not available to ensure that the water supply is satisfactory in quality and quantity?

No action necessary.

(xi) Any liability to plumbo-solvent action?

(a) Public supplies: None.
(b) Private supplies: Certain ones.

(xii) If so, give facts as to contamination by lead and the precautions taken by the local authority or statutory water undertaker, including use of special material for pipes.

Where low pH indicated by sampling of private supplies efforts are being made to bring about treatment of raw water along with work at (x) above, but wherever possible seek connection with public main.

(xiii) What is fluoride content of mains supply?

Natural. Very small indeed.
Artificial. Supply not fluoridated.

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2. Drainage and Sewerage -

(i)	Give particulars of sewage disposal, works and methods of treatment.	Sewage Disposal Works at Lower Mill, Littleborough. Precipitation and filtration.	
(ii)	Give details of any new works of sewerage and sewage disposal and of any additions undertaken during the year.	None.	
(iii)	No. of dwellings connected during the year to:-		
	(a) Sewerage system.	New dwellings.	219
		Existing dwellings.	3
	(b) Septic tanks.	New dwellings.	-
		Existing dwellings.	-
	(c) Cesspools.	New dwellings.	-
		Existing dwellings.	-
(iv)	Areas of townships without proper sewerage system and reasons therefor.	Parts of Shore, Hollingworth and low lying and outlying parts of district; distance from existing sewerage system prohibitive or below level of existing sewer.	

3. Sanitary accommodation at end of 1971:-

(i)	No. of privy middens.	Nil
(ii)	No. of closets attached to these middens.	Nil
(iii)	No. of pail closets.	46
(iv)	No. of dry ashpits (excluding middens).	Nil
(v)	No. of movable dustbins etc.	6,118
(vi)	No. of trough closets.	Nil
(vii)	No. of waste water closets.	102
(viii)	No. of fresh water closets.	4,715
(ix)	Conversions during 1971.	4
	(a) No. of privy closets - To fresh w.c.'s.	Nil
	To pails, etc.	Nil
	(b) No. of pail closets to fresh w.c.'s.	3
	(c) No. of trough closets to fresh w.c.'s.	Nil
	(d) No. of waste w.c.'s. to fresh w.c.'s.	1
	(e) No. of premises at which movable dustbins, etc., were substituted for fixed receptacles.	Nil
(x)	No. of dwellings NOT on water carriage system.	46

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4. Public Cleansing:-

(i) Renewal of movable dustbins, etc., to dwellings effected -
(a) out of rate fund.

(ii) No. of premises at which disposable sacks were in use at end of year.
(a) 171.

(iii) Give brief particulars of the arrangements for -

(a) Refuse collection.	House refuse collected by 3 vehicles engaged full time, (three end loaders). Trade refuse and removal of discarded furniture removed by above refuse freighters and/or Council lorry. Night soil collected by mechanical night soil and gully emptier.
(b) Refuse disposal.	House and trade refuse. Tip situate at Hollingworth. Night soil. Emptied direct into sewer.
(c) Cesspool empting.	As requested by owners.

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5. Total inspections made <u>for all purposes by Public Health Inspectors</u> during 1971.

(i)	Premises visited.	No. of premises visited.	2,701
		No. of visits.	3,868
(ii)	Defects or nuisances.	No. discovered.	416
		No. abated.	381
(iii)	No. of notices served.	Informal.	92
		Statutory.	8
(iv)	Legal proceedings.	No.	-
		Result.	-

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6. Offices, Shops and Railway Premises Act, 1963 -

	Class of premises				
	Offices	Retail Shops.	Wholesale Shops, Warehouses.	Catering establishments open to public, canteens	Fuel Storag
(i) No. of registered premises at end of year.	13	36	-	7	-
(ii) No. of registered premises receiving a general inspection during year.	13	36	-	7	-

	Class of premises				
	Offices	Retail Shops.	Wholesale Shops, Warehouses	Catering Establishments open to public, canteens.	Fuel Storag
(iii) No. of exemptions current at end of year.					
Space (S.5.(2).)	Nil	Nil	Nil	Nil	Nil
Temperature (S.6.)	-	-	-	-	-
Sanitary conveniences (S.9).	-	-	-	-	-
Washing facilities (S.10).	-	-	-	-	-

(iv) No. of visits of all kinds by inspectors to registered premises. 72
(v) Details of any prosecutions during year. Nil

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7. Clean Air Act, 1956:-

(i) Smoke Control Areas -
(a) No. of orders submitted to Ministry during year. Nil
(b) No. of orders confirmed by Ministry during year. Nil
(c) Total No. of orders in force at end of year. Nil
(d) No. of houses and other buildings involved in (a) Nil
in (b) Nil
and in (c) Nil
(e) Remarks (particulars of exempted premises, if any etc.) Nil

(ii) Particulars of any co-operative action with industry:-

(a) Regional. None.
(b) District. The hand fired boilers still operating continue to present problems and contraventions are almost impossible to avoid.

(iii) Any other special action taken with regard to atmospheric pollution.

Membership of South East Lancashire and North Cheshire, Consultative Committee. Liaison with Alkali Inspector.

(iv) Number of legal proceedings and results. Nil.

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8. Noise Abatement Act, 1960:-

(i) No. of complaints investigated. 5
(ii) Details of formal action taken. No formal action necessary.

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9. Swimming Baths and Pools -

(i) Brief particulars (state whether (a) public, or (b) privately-owned but open to public. None in district.
(ii) Source of water used for filling. -
(iii) Method of treatment. -
(iv) If continuous filtration, state turnover period. -
(v) No. of samples of water taken for examination. (a) Bacteriological. -
(b) Chemical. -

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10. Prevention of Damage by Pests Act, 1949 -

(i) No. of rodent operatives employed - (a) Full time. Nil
(b) Part-time. One

(ii) Properties other than sewers -

			TYPE OF PROPERTY	
			NON AGRICULTURAL	AGRICULTURAL
1.		No. of properties in district.	5,317	78
2.	(a)	Total number of properties (including nearby premises) inspected following notification.	147	7
	(b)	Number infested by (i) Rats.	71	3
		(ii) Mice.	76	4
3.	(a)	Total number of properties inspected for rats and/or mice for reasons other than notification.	367	17
		(i) Rats.	177	7
		(ii) Mice.	190	10

(iii) Were any sewers infested by rats during the year? Yes.

(iv) Other action or points of interest. To enlist the aid of residents in rodent control measures, posters have been produced and affixed to the side of refuse freighters and thereby taken weekly into every street in the district.

(v) Particulars of other infestations under the Act (as defined in Section 28). Nil.

The use of Warfarin and Racumin continues to be effective against rats but it is no longer used against mice. Mice have been effectively dealt with by using the rodenticide "Alphakil". Central Heating causes some difficulties when Alphakil is used.

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1. Disinfestion - Action taken during year:

(i) No. of dwellings found to be infested.	(a) Council dwellings. - (b) Other dwellings. -
(ii) No. of dwellings disinfested.	(a) Council dwellings. - (b) Other dwellings. -
(iii) Method employed for ensuring disinfestation of belongings of tenants before removal to council dwellings.	Nil. Arrangements would have to be made with a contractor for such a service for furniture and use of nearby steam disinfector for other items. There is no evidence of infestations of this nature for over nine years.
(iv) Is work of disinfestation carried out by Local authority or by a contractor?	Other than in (iii) by Local Authority with satisfactory results.

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12. Schools:-

(i) Total No. of schools in district at end of year.	8
(ii) Sanitary conditions of schools at end of year -	
(a) No. of schools with unsatisfactory yard surfaces.	Nil
(b) Sanitary accommodation - No. of schools with:-	
(1) Fresh water closets only.	8
(2) Waste water closets only.	Nil
(3) Trough closets only.	Nil
(4) Pail closets only.	Nil
(5) Privy closets only.	Nil
(6) Other (state type).	Nil
(c) Drainage - No. of schools with drainage to -	
(1) Public sewers.	8
(2) Private treatment works.	Nil
(d) Refuse disposal - No. of schools with -	
(1) Dustbins.	8
(2) Dry ashpits.	Nil
(3) Water supply - No. of schools supplied from -	
(1) Public mains.	8

(2) Private supplies. Nil
(3) Distance of each school in (3) from nearest public main. -
(4) No. of private supplies (3) (2) considered unsatisfactory. -

(f) No. of schools where facilities are considered unsatisfactory for
(1) Washing. Nil
(2) Drinking. Nil

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13. Offensive Trades:-
(i) No. of premises. Two. (ii) Type of offensive trades. Glue Maker. Leather Tanners and Dressers.

(iii) Any special action taken. Problems associated with waste disposal at Glue Manufacturers.

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14. Prescribed particulars on the administration of the Factories Act, 1961, during the year 1971.

(a) Part I of the Act:

Inspections for the purposes of provisions as to health (including inspections made by the Public Health Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which sections 1, 2, 3, 4 and 6, are to be enforced by Local Authorities.	3	Nil	Nil	Nil
(ii) Factories not included in (i) in which section 7 is enforced by the Local Authority.	80	6	Nil	Nil
(iii) Other premises in which section 7 is enforced by the Local Authority (excluding outworkers' premises).	-	-	-	-
Total:	83	6	Nil	Nil

2. Cases in which defects were found.
(if defects are discovered at the premises on two, three or more separate occasions they should be reckoned at two, three or more "cases").

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To HM Inspector	By HM. Inspector	
Want of cleanliness (S.1.)	-	-	-	-	-
Overcrowding (S.2.)	-	-	-	-	-
Unreasonable temperature (S.3.)	-	-	-	-	-
Inadequate ventilation (S.4.)	-	-	-	-	-
Ineffective drainage of floors (S6)	-	-	-	-	-
Sanitary conveniences (S.7.)					
(a) Insufficient.	-	-	-	-	-
(b) Unsuitable or defective.	-	-	-	-	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork.)	-	-	-	-	-

Part VIII of the Act - Outwork:
Sections 133 and 134. Nil.

15. Rag Flock and Other Filling Materials Act, 1951.

(i) No. of registered premises at end of year on which rag flock or other filling materials were used in manufacture of bedding, toys, etc. Nil.
(ii) No. of licensed premises at end of year on which rag flock was -
(a) manufactured, or manufactured and stored. Nil.
(b) stored only. Nil.
(iii) No. of inspections during year. Nil.
(ix) Samples taken during year. Nil.

What are the chief sanitary requirements of the district?

Extensions of sewers to outlying parts of district.

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4. HOUSING

(a) Statistics

	Houses	Flats
1. Number of new dwellings erected during the year:-		
(i) By the local authority.	-	29
(ii) By other local authorities.	-	-
(iii) By other bodies or persons.	190	-

2. Total No. of dwellings owned by any local authority, existing in district at end of year. 976.

3. Inspections of dwellings during the year:-

(i) (a) Total No. of dwellings inspected formally or informally for housing defects (under Public Health or Housing Acts).	427
(b) No. of inspections, formal or informal, made for the purpose.	390
(c) No. of dwellings in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit.	86
(ii) Total No. of dwellings existing at end of year, occupied or not, which were unfit for human habitation and not capable at reasonable expense of being rendered fit and in respect of which -	
(a) Demolition, Clearance or Closing Orders have been made (at any time).	-
(b) Demolition, Clearance or Closing Orders have not yet been made.	-

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4. Houses Demolished:-

In or adjoining Clearance Areas:

	Number	Displaced during year from houses to be demolished or closed	
		Persons	Families
(i) Houses unfit for human habitation	22	38	22
(ii) Houses included by reason of bad arrangement etc.	Nil		
(iii) Houses on land acquired under S43. (2) Housing Act, 1957.	Nil		
Not in or adjoining Clearance Areas			
(iv) As a result of formal or informal procedure under S.16 or S.17 (1). Housing Act, 1957.	Nil		
(v) Local Authority owned houses certified unfit by the Medical Officer of Health.	Nil		
(vi) Houses unfit for human habitation where action has been taken under Local Acts.	Nil.		
(vii) Unfit houses included in Unfitness Orders.	Nil.		

5. Unfit Houses Closed:

	Number	Displaced during year from houses to be demolished or closed	
		Persons	Families
(i) Under S.16 (4), S.17 (1) and S.35 (1) Housing Act, 1957 and S.26 Housing Act, 1961.	1	4	1
(ii) Under S.17 (3) and S.26 Housing Act, 1957.	Nil	Nil	Nil
(iii) Parts of buildings closed under S.18, Housing Act, 1957.	Nil	Nil	Nil

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6. Unfit Houses Made Fit:

	Number
(i) By owner after informal action by local authority.	73
(ii) After formal notice under S.9 and S.16, Housing Act, 1957:	
(a) By owner.	Nil
(b) By local authority.	Nil
(iii) After formal notice under Public Health Acts.	8
(iv) After modification or revocation of a clearance order under S.21 Housing Act, 1961.	Nil
(v) After determination of a demolition order under S.24, Housing Act, 1957.	Nil

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7. Unfit Houses in Temporary Use (Housing Act, 1957):

	Number of Houses (1)	Number of separate dwellings contained in column (1). (2)
Position at end of year:		
(i) Retained for temporary accommodation -		
(a) Under Section 48.	-	-
(b) Under S.17 (2).	-	-
(c) Under S.46.	-	-
(ii) Licensed for temporary occupation under S.34 or S.53.	-	-

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8. Purchase of Houses by Agreement:

	Number of houses (1)	Number of occupants of houses in Col (1) (2)
Houses in clearance areas other than those included in confirmed orders or compulsory purchase orders.	-	-

9. Housing Act, 1969 -

Action during year:	No. of dwelling houses or other buildings affected in schemes of: Private bodies or individuals	Local Authority
(i) submitted by private individuals to local authority.	55	-
(ii) approved by local authority.	45	-
(iii) submitted by local authority to Ministry.	-	-
(iv) finally approved by Ministry.	-	-
(v) work completed.	36	-
(vi) additional separate dwellings included in (v) above.	-	-
(vii) any other action taken under the Acts (give brief particulars). None.		

---

10. House Purchase and Housing Act, 1969 -

Action during year:

	No. of dwellings or other buildings affected
(i) Applications submitted to local authority for improvement to (a) full standard.	63
(b) reduced standard.	Nil
(ii) Total applications approved by local authority for improvement to (a) full standard.	54
(b) reduced standard.	Nil
(iii) Work completed.	41

(iv) Particulars of any action taken relating to compulsory improvement of dwellings. Nil.

11. Housing Act, 1969 - Special Grants:-

Action during year:	No. of dwellings or other buildings affected: Owner occupied	Others
(i) Applications submitted to local authority for special grant.	-	-
(ii) Applications approved by local authority for improvement by special grant.	-	-
(iii) Work completed.	-	-

12. Lancashire County Council (General Powers) Act, 1968. S.17.
Particulars of any action during year. None.

(b) HOUSING CONDITIONS

13. Approximate number of:

(i) back-to-back houses.	420
(ii) back-to-earth houses.	45
(iii) other houses without through ventilation:	Nil

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14. Movable dwellings and camping sites (other than H.M. Forces):

(i) No. of sites in the area which were used for camping. purposes during 1971. 1

(ii) No. of licences in force at end of 1971 issued under Section 269 of the Public Health Act, 1936, in respect of:

(a) Sites. Nil

(b) Individual movable dwellings. Nil

(iii) No. of caravans permanently occupied. Nil

(iv) Any action under Part IV of Lancashire County Council (General Powers) Act, 1951. Nil

(v) No. of site licences issued under Caravan Sites and Control of Development Act, 1960, and in operation at end of year. 1

(vi) No. of caravans concerned in (v) above. 25

(vii) Has Council adopted Model Standards issued by Ministry of Housing and Local Government for sites in respect of:

(a) Permanent residential caravan sites? Yes

(b) Holiday caravan sites? -

(viii) Any other special action taken by local authority with regard to tents, vans, sheds, etc. Nil

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15. Common Lodging-houses:
No. on Register - Nil.

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16. Underground Rooms:

(i) No.

(ii) Are any regulations in force? -

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17. Canal Boats:

(i) Number inspected - Nil.

(ii) Number of infringements of Acts - Nil.

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18. Sufficiency of supply of houses:

(i) Give some indication of extent of any shortage.

Shortage of single bedroom accommodation required for people living in houses which lack modern amenities.

(ii) Particulars of any local authority housing scheme:

(a) contemplated: 4 sites in Urban District.

(iii) Any special difficulties in the way of providing suitable sites for new houses: Yes. Objection from Mersey & Weaver River Board to new development due to inadequate sewage disposal works. Joint action with neighbouring authorities should resolve matter within approximately 1 year.

20. Fitness of houses:

(i) No. of houses which have not a satisfactory internal water supply: 85

(ii) No. of houses which have no separate closet accommodation (Approximate only) : 476

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5. INSPECTION AND SUPERVISION OF FOOD

Milk Supply - Action taken with regard to the administration of the Milk and Dairies Acts and Regulations.

1. The Milk (Special Designation) Regulations, 1963-5. (Food and Drugs Authorities only). Not applicable.

(i) No. of dealers' licences in force at end of year in respect of:

(a) Pasteurising plant.

(b) Sterilising plant.

(c) Ultra heat treatment plant.

(d) Pre-packed milk.

(e) Untreated milk.

(ii) By virtue of (i) above, No. of dealers at end of year authorised to deal in milk of the following designations -

(a) Untreated. (c) Sterilised.

(b) Pasteurised. (d) Ultra heat treated.

(iii) Any refusal or revocation of licences for designated milk, with reason for the refusal or revocation.

2. Action taken by local authority in relation to samples taken in the district (All Authorities):

(i) Samples for Biological Examination -

Results:	Total No. of samples submitted.	Results		
		Positive	Negative	No result
(a) Tuberculosis.	3	-	3	-
(b) Brucellosis - Ring Test.	3	-	3	-
(c) Brucellosis - Culture Test	-	-	-	-
(d) Brucellosis Biological Test	-	-	-	-

(ii) Samples of Statutory Tests:

Raw Milk.	No. of samples	Results		
		Satisfactory	Unsatisfactory	Void samples
(a) Methylene Blue Test.		-	-	-
Heat Treated Milk:				
(b) Methylene Blue Test.		-	-	-
(c) Phosphatase Test.		-	-	-
(d) Turbidity Test.		-	-	-
(e) Colony Count Test.		-	-	-

3. Brucella abortus: (i) Action taken in respect of positive samples - Milk supply sent for Pasteurisation.
(ii) Did any cases of Brucellosis in human being come to your notice during 1971? If so, how many? None.

4. Action taken under Regulation 19 of the Milk and Dairies (General) Regulations, 1959. Nil.

5. Action taken under Regulation 20 of the Milk and Dairies (General Regulations, 1959 (other than that at (3) above). Order prohibiting sale of raw milk.

6. Action taken under Public Health (Prevention of Tuberculosis) Regulations, 1925. Nil.

Meat and other foods (excluding adulteration) -

7. Details of any legal proceedings taken with regard to the preparation, storage, handling or sale of food. Nil.

8. Liquid Egg (Pasteurisation) Regulations, 1963 -
(i) No. of egg pasteurisation plants in district at end of year. Nil.
(ii) No. of samples of liquid egg submitted to Apha-Amylase Test and their results. Nil.

9. (i) Is a public abattoir in use in the district. No.
(ii) Total No. of private slaughterhouses licensed by local authority at end of year. 2
(iii) No. of private slaughterhouses licensed by local authority at end of year for slaughter of horses. Nil.
(iv) Action taken with regard to -
(a) Ante mortem inspection of animals. Examination of livestock in lairages prior to slaughter.
(b) Post-mortem inspection of animals. All carcases inspected, after slaughter by qualified Meat Inspectors.
(v) Details of control, under the Meat Inspection (Amendment) Regulations, over times of slaughter. The Council have passed a Resolution regarding slaughtering carried out at weekend, to the effect that slaughtering is carried out on Saturday morning up to 12 a.m. only, and no slaughtering to be carried out on Sundays.

10. Carcases inspected and condemned within the district:

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known).	2653	1730	16	12397	1291	-
Number inspected.	2653	1730	16	12397	1291	-
All diseases except Tuberculosis and Cysticerci -						
Whole carcases condemned.	-	6	-	80	-	-
Carcases of which some part or organ was condemend.	449	999	-	1148	156	-
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci.	16.92	57.74	Nil	9.26	12.08	-
Tuberculosis only -						
Whole carcases condemned.	-	-	-	-	-	-
Carcases of which some part or organ was condemned.	1	-	-	-	3	-
Percentage of number inspected affected with Tuberculosis.	0.037	-	-	-	0.23	-
Cysticercosis -						
Carcases of which some part or organ was condemned.	-	-	-	-	-	-
Carcases submitted to treatment by refrigeration.	-	-	-	-	-	-
Generalised and totally condemned.	-	-	-	-	-	-

11. Poultry inspection:

(i) No. of poultry processing premises within district at end of 1971. Nil.
(ii) No. of visits made to these premises during year. Nil.
(iii) Total No. of birds processed during the year. Nil.
(iv) Types of birds processed.
(a) Turkeys. -
(b) Ducks. -
(c) Hens. -
(d) Broilers. -
(e) Capons. -
(f) etc. Others (Specify). -
(v) No. of birds rejected as unfit for human consumption. -
(vi) Weight of poultry condemned as unfit for human consumption. -
(vii) Comments on poultry processing and inspection. -

12. Slaughter of Poultry Act 1967 - No. of premises registered under Section 2. -

13. By what mothod(s) was disposal of any unsound food effected?

(i) Carcase meat - Sale by owners to firms dealing solely with this type of commodity.
(ii) Other foods - Destruction by burning or buried on the Council's Refuse Tip.

14. Food Hygiene (General) Regulations, 1960.

Type of business	(a) No. of premises	(b) No. of premises fitted to comply with Regulation 16. (Wash-hand basins).	(c) No. of premises to which Regulation 19 applies (Sinks).	(d) No. of premises fitted to comply with Regulation 19.
(i) Greengrocers and provision dealers.	36	36	36	36
(ii) Greengrocers & fruiterers (including those selling wet fish, game, etc.)	5	5	5	5
(iii) Fishmongers (including those selling poultry, game etc.	-	-	-	-

Type of business	(a) No. of premises	(b) No. of premises fitted to comply with Regulation 16. (Wash-hand basins).	(c) No. of premises to which Regulation 19 applies (Sinks).	(d) No. of premises fitted to comply with Reguation 19.
(iv) Meat shops (butchers purveyors of cooked and preserved meats, tripe etc.	12	12	12	12
(v) Bakers and/or confectioners.	7	7	7	7
(vi) Fried fish shops.	12	12	12	12
(vii) Shops selling mainly sugar confectionery, minerals, ice-cream etc.	7	7	7	7
(viii) Licensed premises, clubs, canteens, restaurants, cafes, snack bars and similar catering establishments.	43	43	43	43
(ix) Others.	-	-	-	-

15. No. of Food premises, by type, registered under Section 16 of the Food & Drugs Act, 1955, the Lancashire County Council Acts or other local Acts (give separately the No. of premises registered for manufacture of ice-cream) -

Type of business	Legislation under which registration effected.	No. of registered at end of year.	No. of inspections of registered premises during year.
Ice Cream Premises.	Food and Drugs Act, 1955.	52	84

16. Lancashire County Council (General Powers) Acts - No. of hawkers registered by Local Authority. None.

17. Action taken under the Ice-Cream (Heat Treatment, etc) Regulations 1959, and 1963 - No. premises registered for the manufacture of Ice-Cream.

18. Adulteration, etc., (Food and Drugs Authorities only). Not applicable.

19. Food poisoning:

(i) Total notifications (corrected) during year as returned on quarterly Forms 118D and 118E. Nil.

(ii) Total number of additional (i.e. un-notified) cases ascertained as a result of investigations into notified cases. Nil.

(iii) Total number of outbreaks being regarded as the whole of the cases, being more than one in number, either probably or certainly derived from a single contaminating of infecting source. Nil.

(iv) Detail here, separately, particulars of each outbreak included in (iii) - Nil.

No. of cases		No. of deaths	Organism or other agent responsible	Vehicle of Infection.	Place where contaminated food was consumed.
Notified	Ascertained but not notified				
-	-	-	-	-	-

(v) Observations on any points of interest arising in connection with any of the above outbreaks or any single case (in particular, please state if related to any outbreak in any other district). NIL.

6. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES

(1) CASES OF INFECTIOUS DISEASES NOTIFIED DURING THE YEAR 1971

(after corrections subsequently made either by the notifying medical practitioner or by the Medical Superintendent of the Infectious Diseases Hospital).

Notifiable Diseases	Total Cases Notified											Total Deaths
	Total cases of all ages.	Age Periods - Years.										
		0-	1-	2-	3-	4-	5-	10-	15-	25 and over.	Age Unknown	
Scarlet fever. Whooping cough. Acute poliomyelitis - Paralytic. - Non-paralytic. Measles (excluding rubella). Dysentery. Meningococcal infection. Ophthalmia neonatorum. Viral Meningitis.	1	-	-	-	-	-	1					

	0-	5-	10-	15-	45-	65 and over	Age Unknown
Acute pneumonia (prim. and Infl'zal. Smallpox. Acute encephalitis - Infective. - Post-infectious. Enteric or typhoid fever. Paratyphoid fevers. Erysipelas. Food poisoning - Solmonella. Tuberculosis - Respiratory. - Meninges and C.N.S. - Other. Puerperal pyrexia. Other notifiable diseases (specify). Infective Jaundice.	1			1			

2. Review the prevalence of notifiable infectious diseases during the year, and give any noteworthy facts as to the source or spread of infection (non-notifiable acute infectious diseases should also be reported upon so far as available information enables this to be done). Nil.

3. State whether the following diseases were compulsorily notifiable in your district during 1971 by order of the District Council, and, if so, state for what period (see Table on Page 26).

(i) Diarrhoea (under 2 years). -
(ii) Chicken-pox. -
(iii) Any others. -
(iv) Observations. -

4. Disinfection after infectious diseases:

(i) No. of houses disinfected during year: Nil.
(ii) Method (state disinfectant used): Nil.
(iii) Apparatus used for disinfecting clothing, bedding, etc. (steam or otherwise). Nil.
(iv) Where is apparatus situated? Nil.

5. (i) Has any action been taken under Section 172, Public Health Act, 1936? No.
(ii) If so, No. of applications for Orders for compulsory removal to hospital. Nil.
(iii) No. of cases in which Orders were granted. -
(iv) Observations. -

Signed:

A. N. PICKLES.

MEDICAL OFFICER OF HEALTH.